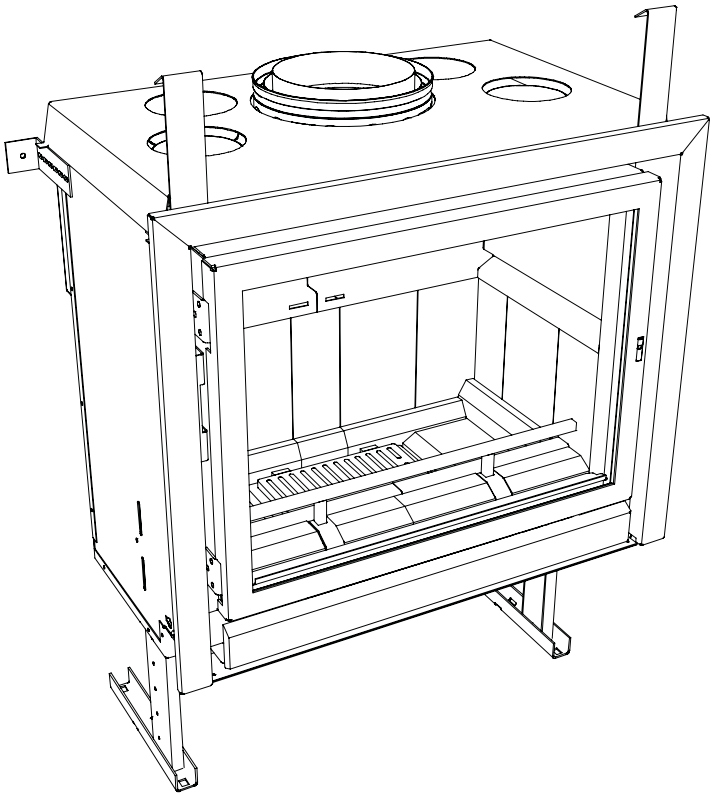
BODART & GONAY

OPTIFIRE
780 USA/CN



USER'S MANUAL,
MAINTENANCE MANUAL,
INSTALLATION INSTRUCTIONS

Dear Customer,

Congratulations on the purchase of your new Bodart & Gonay appliance!

Your choice shows the recognition you have for high quality products. You are now a member of the large international family of Bodart & Gonay customers, who have enjoyed for many years the elegance, efficiency and reliability of our equipment.

This is why we deem it important to provide you with this user's and maintenance manual: to allow you to use your equipment under the best possible conditions and in the most optimal manner, and furthermore to increase its operating life. **We strongly advise you to read it carefully.**

And, of course, to store it in a place where you are sure to find it again without any problem.

Please record in the space below the date of purchase, reference and the name and address of your supplier, so that this information is always kept safely.

Also keep carefully the invoice or proof of purchase (necessary for the warranty). We advise you to clip them together with this manual.

We wish you every satisfaction with your Bodart & Gonay equipment.

Type of equipment: .....

Reference: .....

Date of purchase: ……/……/……

Dealer:
name: .....
street: .....
city: .....
phone: .....

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USERS AND MAINTENANCE MANUAL

1. IMPORTANT RECOMMENDATIONS

- Carry out **the installation** and follow the **safety rules** (refer to Installation instructions).
- **Never leave children** unattended when there is a fire burning in the fireplace.
- **THE FIREPLACE MUST BE OPERATED WITH THE DOORS FULLY CLOSED.**
- **KEEP COMBUSTIBLE MATERIALS AT LEAST 48 INCHES AWAY FROM THE FRONT OF THE FIREPLACE OPENING.**
- **DO NOT USE PRODUCTS THAT ARE NOT SPECIFIED FOR USE WITH THIS FIREPLACE**
- **DO NOT ELEVATE FIRE, OR USE GRATE. BUILD WOOD FIRE DIRECTLY ON HEARTH**
- **OPERATE ONLY WITH DOOR CLOSED**
- **USE SOLID WOOD FUEL ONLY**
- **First fire**

  The first fire **bakes the paint** which results in an **emission of smoke**.

  ☞ **VENTILATE THE ROOM**

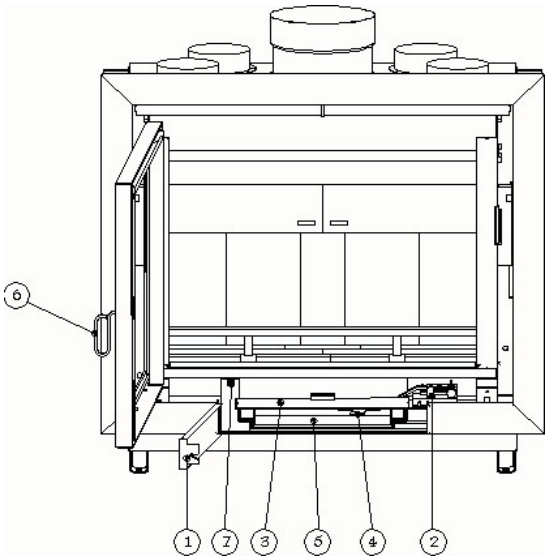
  DO NOT TOUCH THE PAINT UNTIL THE APPLIANCE HAS COOLED, BECAUSE IT GETS SOFT AT THE FIRST FIRING.

- **It is mandatory at each fire**

  - TO SHUT THE DOOR OF THE ASH BOX;
  - TO CLOSE THE DOOR FLAP;

2. *OPERATION OF THE APPLIANCE*

2.1. Use of the control and safety devices



① the door flap: NEVER KEEP IT OPEN DURING THE OPERATION OF THE APPLIANCE.

② the thermostat: It adjusts the quantity of primary air for burning according to its position. Its flap opens and closes according to the temperature of the convection chamber. Its control button is telescopic to make its operation easier.

③ the ashpan door: It provides access to the ash box and to the de-ashing arm. IT MUST ALWAYS BE TIGHTLY CLOSED WHEN A FIRE IS BURNING(otherwise the combustion air is not controlled and the fire races OVERHEATING OF THE APPLIANCE).

④ de-ashing arm: To use it, pull it towards the front. It is used to adapt the grate to the type of fuel to be burnt (left position: open grate for starting fire; right position: closed grate for wood). Removing the ashes is made by moving it from the right to the left.

⑤ the ash pan: In the shape of a shovel to allow the collection of ashes at the back of the equipment. Monitor the filling of the ash pan and empty it before it overflows.

⑥ closing the door and the "cold handle": Place the cold handle in the hole of the latch to open and close.

⑦ microswitch: If ventilation installed, a switch automatically stops the convection fan when the door is opened.

2.2. Opening and closing the door

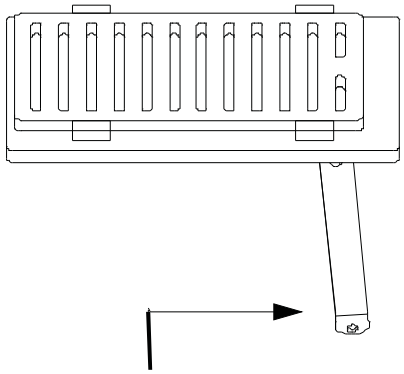
WHEN A FIRE IS BURNING, OPEN THE DOOR SLOWLY. A fast opening may lead to a temporary spillage of smoke.

TO SHUT THE DOOR, lift the handle, press the door against the combustion cham-ber in order to crush the seal slightly, then lower the handle to its stop position.

2.3. Operation

USE SOLID WOOD ONLY (LOGS)

The quality of the wood is ESSENTIAL for an optimal operation of the appliance (efficiency, cleanliness of the window, ...). A quality wood is a dry wood having dried at least 2 years under a ventilated shelter.
Except when starting a fire, NEVER OPERATE your FIRELACE with the GRATE in the OPEN POSITION.



Closed position

Model	OPTI 780
Maximum load (for low rate burning only)	24 lbs
Recommended load for 1 hour at max. rate	10 lbs

- *Lighting the fire*

1 OPEN fully the air flow: THERMOSTAT set on maximum. Place the grate in the open position (lever to the left).

2 Place crumpled paper (or fire lighters) and KINDLING FIREWOOD in the appliance on the grate.

3 LIGHT THE FIRE.

4 If the door is closed too early, too low temperature can lead to condensation and a deposit of particles on the glass.

5 As soon as the window is sufficiently HOT, CLOSE THE DOOR.

6 Wait until the kindling firewood burns briskly and LOAD the first logs, choosing the smaller ones to start with.

7 START the heat circulation FAN (if installed).

8 When the fire is brisk and the unit is hot, CLOSE THE GRATE (lever to the right), adjust the thermostat to the position wanted.

9 When using a fan, ADJUST THE SPEED OF THE FAN to obtain the quantity of hot air that you need.

- *Long duration combustion*

  - Keep a bed of glowing embers of 1 to 2 inches on the bottom of the appliance;
  - Choose logs that are thick
  - Position the thermostat in accordance with the draft of your chimney. A reduced rate is generally obtained from 0 to 3.

  Remark:
  AVOID OPERATING AT A REDUCED RATE WHEN ATMOSPHERIC CONDITIONS ARE UNFAVOURABLE (low pressure and high humidity) as this could cause problems.

  Creososte – Formation and Need for Removal:

  When wood is burned slowly, it produces tar and other organic vapors, which combine with expelled moisture to form creosote. The creosote vapors condense in the relatively cool chimney flue of a slow-burning fire. As a result, creosote residue accumulates on the flue lining. When ignited this creosote makes an extremely hot fire.

  The chimney should be inspected at least twice a year during the heating season to determine when a creosote buildup has occurred.

  When creosote has accumulated it needs to be removed to reduce the risk of a chimney fire.

- *Prohibited fuels*

  The use of treated wood (painted, ... etc.) and any other salvaged material that can emit noxious gazes for the environment and is corrosive towards the components of the appliance is NOT ALLOWED and eliminates the rights of guarantee. For the same reasons, PETROLEUM COKE must not be used.

NEVER USE GASOLINE, GASOLINE-TYPE LANTERN FUEL, KEROSENE, CHARCOAL LIGHTER FLUID, OR SIMILAR LIQUIDS TO START OR 'FRESHEN-UP' A FIRE IN THIS FIREPLACE. KEEP ALL SUCH LIQUIDS WELL AWAY FROM FIREPLACE WHEN IT IS IN USE.

3. MAINTENANCE

3.1. Disposal of ashes

OPEN THE ASHPAN DOOR FOR THE DISPOSAL OF ASHES.

ASHES SHOULD BE PLACED IN A METAL CONTAINER WITH A TIGHT-FITTING LID. THE CLOSED CONTAINER OF ASHS SHOULD BE PLACED ON A NONCOMBUSTIBLE FLOOR OR ON THE GROUND, WELL AWAY FROM ALL COMBUSTIBLE MATERIALS, PENDING FINAL DISPOSAL. IF THE ASHES ARE DISPOSED OF BY BURIAL IN SOIL OR OTHERWISE LOCALLY DISPERSED, THEY SHOULD BE RETAINED IN THE CLOSED CONTAINER UNTIL ALL CINDERS HAVE THOROUGHLY COOLED.

3.2. Chimney sweeping

We recommend a professional chimney cleaner inspect and clean the chimney at least once a year.

- Dismantle the 2 baffles (see "Dismantling the baffles"). Close the door, thermostat and the ash box door.

- **In order to put back the baffles in the position adapted to your chimney stack after a chimney sweeping, note here the ideal position** (see page on adjustment of the baffles):
  Upper baffle: open - ½ open – closed
  Lower baffle: open - closed

- Place the grate in the closed position .

- After cleaning the chimney and the dust has settled, it can be removed with a vacuum cleaner.

3.3. General maintenance

Components exposed to high combustion temperatures should be inspected regularly. Small deformation does not alter a normal operating.

- air distributor: Clear, if necessary, the air intake holes.

- grates: Check that there are no objects limiting their movements.

- fan: DISCONNECT the power supply, DISMANTLE the fan and RE-MOVE it. CLEAN the blades of the turbine using a brush (COM-PRESSED AIR IS NOT ALLOWED). Reassemble all.

- thermostat: Check its correct clearance. Your dealer can check the adjustment.

- door: Check the sealing of the stainless steel seal. If necessary, your dealer may adjust or replace it. Check the correct operation of the lock and of the opening safety.

- window: If, for cleaning, you use a chemical product, PROTECT the exposed painted surfaces.

- ashpan door: Check the state of the seal and if necessary replace it to ensure correct sealing. Check the operation of the spring clip.

- refractory bricks: A spilt brick may function quite correctly. However, a missing piece should be replaced to maintain an efficient protection of the appliance.

- paint: Damaged painted areas may be restored using a special 1200 degree HIGH TEMPERATURE paint.

- lubrication: In frequent use, it is recommended to lubricate every year the following elements:
  - door and door flap: hinges and lock;
  - thermostat control axis.

DO NOT USE NORMAL GREASE. If subjected to high temperatures it will dry up and lead to seizing. If necessary, clean thoroughly the surfaces, then apply a HIGH TEMPERATURES RESISTANT GREASE .

4. OPERATION ANOMALIES

ANOMALIES	CURES
THE WINDOW GETS DIRTY TOO QUICKLY	- Check the moisture of the fuel; - Open the passage of the baffles (see "Adjusting the baffles").
VENTILATION FAN Does not function	- Check the operation of the motor; - Check the microswitch; - Check (and replace) the fuse of the variable speed switch; - Check the thermocontact; - Check (and repair) the power supply.
VENTILATION FAN Operates but the flow is low	- Clean the blades of the turbines.
Excessive DRAFT	- Tighten the passage of the baffles (see Installation); - Consult your dealer.
DRAFT Too low with a possible generation of smoke in the room	- Check the chimney (see installation instructions); - Remove the possible obstruction; - Have the chimney swept; - Open the passage of the baffles (see "Adjustment of the baffles").
Trouble linked to weather conditions	- If this is permanent, consult your dealer.

THE FIRE IS NOT BRISK ENOUGH	- Check the moisture of the fuel; - Check the thermostat; - Empty the ash box; - Clear the holes of the distributor.
THE THERMOSTAT DOES NOT CLOSE ANYMORE: - A foreign body prevents the closing of the flap - Mechanical blocking	 - Remove the foreign body - Replace the thermostat
THE THERMOSTAT REMAINS CLOSED: 1 When COLD, the flap only rises from mean dial positions 2 When COLD, the flap does not rise	 - Calibrate the adjustment - Replace the thermostat (thermostat bulb destroyed by overheating)
THE FIRE CANNOT BE CONTROLLED: - The DOOR of the ash box is open or unsealed - The DOOR of the appliance is not sealed	 - Check the correct closing of the ash box door; - Check the seal, replace if necessary; - Adjust again the door seal; - Adjust again the position of the closing roller.

In case of a chimney fire, immediately close the door, the ash box door and the thermostat .

5. *GUARANTEE*

5.1. Duration and limitation

- 6 years guarantee on: the general structure;
- 2 years guarantee on: the inner removable parts;
- 1 year guarantee on: grates, thermostat, fan and variable speed control switch;
- no guarantee on: window, seals, bricks and cast iron plates.

5.2. Reservation

Bodart & Gonay reserve the right to modify their equipment, catalogues and manuals independently, at any time and without prior notice.

The validity of the guarantee is cancelled in case the mandatory recommendations of this manual are not fulfilled.

The interventions under the guarantee are only made through the dealer on presentation of the purchase invoice.

Parts will be delivered only against the faulty parts.

5.3. Exclusion

1 Disasters, breakdown or faulty operation linked to:

- inadequate relation between the nominal power of the equipment and the heat requirements of the premises;
- a faulty installation or faulty connections;
- a damage to the thermostat through overheating due to intensive use:
  - the ash box door is left open;
  - When ventilation convection fan installed and left off at high fires.
- an insufficient or excessive draught;
- incorrect use;
- non compatible fuels, destructive and/or damp fuels (treated wood, ...);
- consumption exceeding the use limits;
- a lack of maintenance;
- the use of electrical or electronic components that are not approved by Bodart & Gonay;
- any modification, transformation inside the appliance;
- transport and installation.

2 Transport and packaging cost.

3 All costs not previously accepted by Bodart & Gonay.

4 Costs due to the non-use of the equipment.

5.4. Taking effect

The guarantee starts on the date written on the invoice. The invoice is the only document valid for the guarantee.

INSTALLATION INSTRUCTIONS

Your dealer is the SPECIALIST that Bodart & Gonay and their importers have chosen in your area.

For your SAFETY and SATISFACTION we recommend that you entrust him with carrying out your installation.

This appliance has been tested to and complies with UL Standard 127 (05/99) and CAN/ULC-S610-M87. Installation must conform with local building codes, or in absence of local building codes, with the NFPA 211 Standard for Chimney, Fireplaces, & Vents, CAN/CSA B365.

Installation of this unit should only be done by a qualified installer.

6. SAFETY

- Please read this installation instructions completely before beginning installation procedures. Failure to follow them could cause a fireplace malfunction resulting in serious injury and/or property damage.

- Follow manufacturer's instructions for proper installation of the chimney.

- Failure to follow these instructions will void the certification and the warranty of the fireplace and may result in an unsafe installation.

- Before servicing, allow the fireplace to cool. Always shut off any electricity to the fireplace while working on it. This will prevent any possible electrical shock or burns.

- Any COMBUSTION consumes AIR.
  From the gap at an entry door threshold to the direct outside air intake, everyone must choose the solution best adapted to the installation to compensate the slight consumption of air. Never create a depression in the room where the appliance is installed.
  DO NOT SEAL ALL THE AIR INTAKES.
  IF AN EXTRACTION FAN CANNOT BE AVOIDED IN THE SAME PREMISES, AN ADEQUATE AIR INTAKE MUST BE PROVIDED TO AVOID ANY DEPRESSION.
  An outdoor air intake can be directly connected to the convection air inlet under the appliance. This outdoor air inlet cannot be bigger than 32sq inches (50% of air inlet for convection) in order not to reduce the temperature of the fireplace too much. If the outdoor temperature is very low, the outdoor air inlet could need to be reduced. With such an installation, any depression in the room will be naturally compensated by the external air inlet.

- In the case of masonry, it is FORBIDDEN to place masonry on the top of the Optifire. The appliance is not load bearing.

- WITH OR WITHOUT A FAN, an AIR INLET of MINIMUM 65 SQUARE INCHES (example: 2" x 32.5" or 6" x 12") under the appliance is MANDATORY to allow a correct cooling of appliance.

7. INSTALLATION

7.1. Description of the fire place system

The fire place system consists of the following:
1 chimney system;
2 fire place itself with either a flat door or a bowed door.

Options are:
1 fan unit;
2 grid for hot air outlet.

7.2. Chimney

This appliance is designed only to work with the "Heatilator" brand UL approved chimney system. The table below shows the components which may be safely used with fireplace. (Note: Heatilator is a trademark of Heatilator, Inc., a division of Hearth Technologies, Inc. Bodart & Gonay is not associated with either company.)

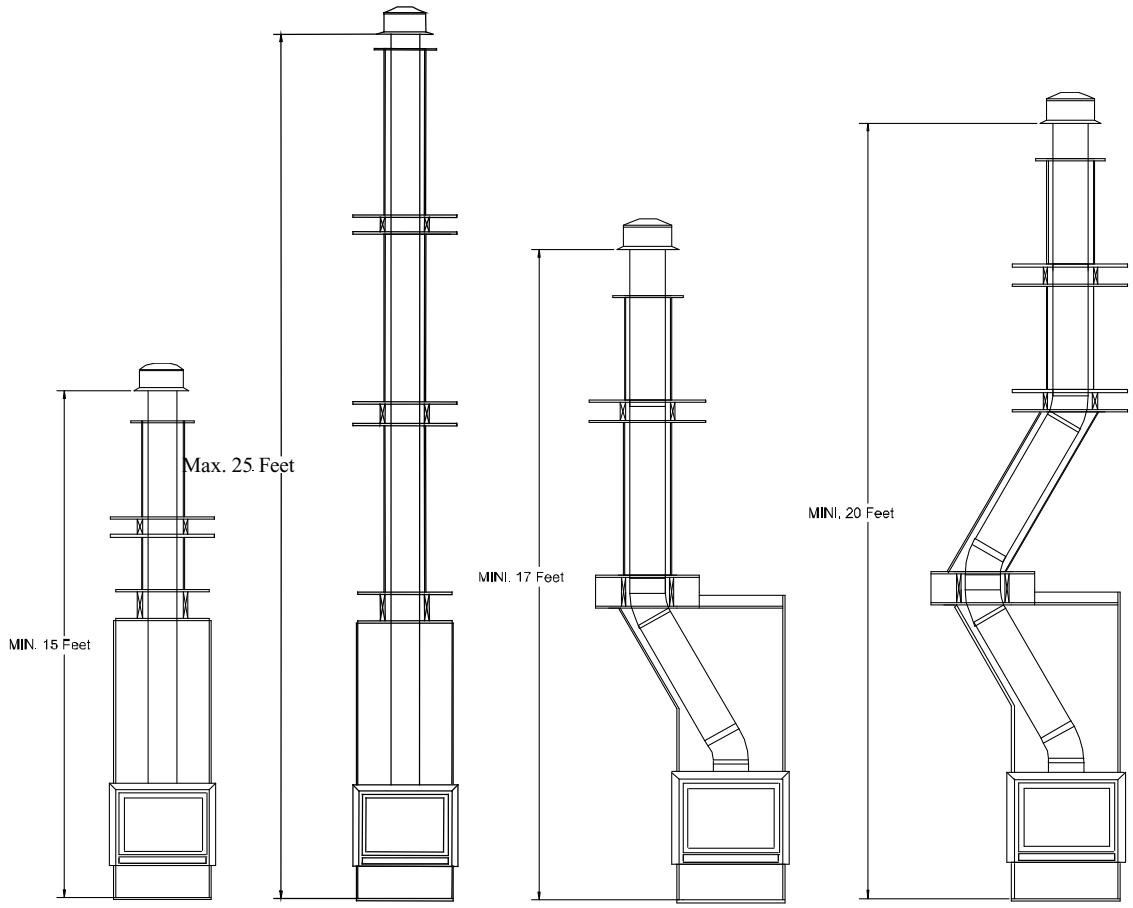
Catalog #	Description
CAK4	Chimney Air Kit (Canadian installation only)
SL306	Chimney Section – 6 inch long
SL312	Chimney Section – 12 inch long
SL318	Chimney Section – 18 inch long
SL324	Chimney Section – 24 inch long
SL336	Chimney Section – 36 inch long
SL348	Chimney Section – 48 inch long
SL3	Chimney Stabilizer
SL315	Chimney Offset/Return – 15°
SL330	Chimney Offset/Return – 30°
FS338	Firestop – Straight
FS339	Firestop – 15°
FS340	Firestop – 30°
AS8	SL300 Straight Attic Insulation Shield, 24°
JB877	Chimney Joint Band
CB876	Chimney Bracket
RF370	Roof Flashing – Flat to 6/12 Pitch
RF371	Roof Flashing – 6/12 to 12/12 Pitch
TR342	Telescoping Chimney Terminal Cap – Round
TR344	Chimney Terminal Cap – Round (Storm collar included)
ST375	Chimney Terminal Cap – Square
TS345	Chimney Terminal Cap – Square
TS345P	Chimney Terminal Cap – Square (Painted)
CT35	Chase Top

Total height of fireplace system from the surface the fireplace rests onto the chimney top must not exceed 25 feet and not be less than 15 feet. If offsets are included in the chimney, the following minimum and maximum length must be respected.

- One offset: ..... minimum 17 feet
- Two offsets minimum: ..... minimum 20 feet

Chimney must extend at least 3 feet (915 mm) above its point of contact with the roof and at least 2 feet (610 mm) higher than any roof or wall within 10 feet (3 m) .

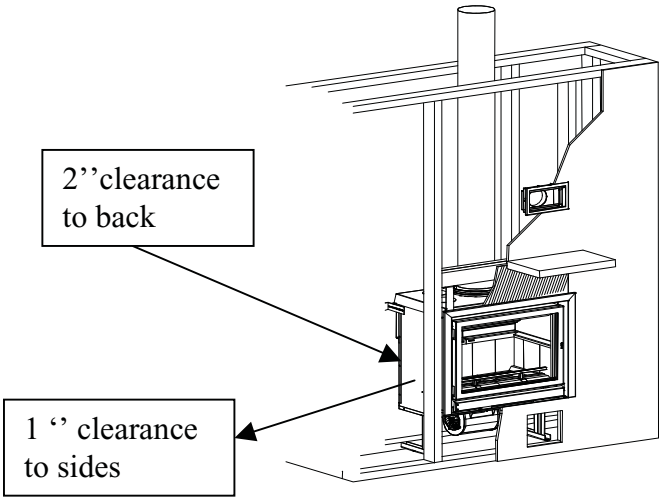
YOU MUST HAVE A TWO INCHES CLEARANCE BETWEEN THE CHIMNEY AND ANY COMBUSTIBLE MATERIALS. DO NOT FILL THIS SPACE WITH INSULATION OR ANY MATERIAL.



YOU MUST CONFORM WITH ALL RECOMMENDATIONS FROM "HEATILATOR" FOR USE AND INSTALLATION OF THEIR CHIMNEY SYSTEMS.

7.3. Minimum clearance to combustible

All minimum clearances to combustible are determined by small stand offs:

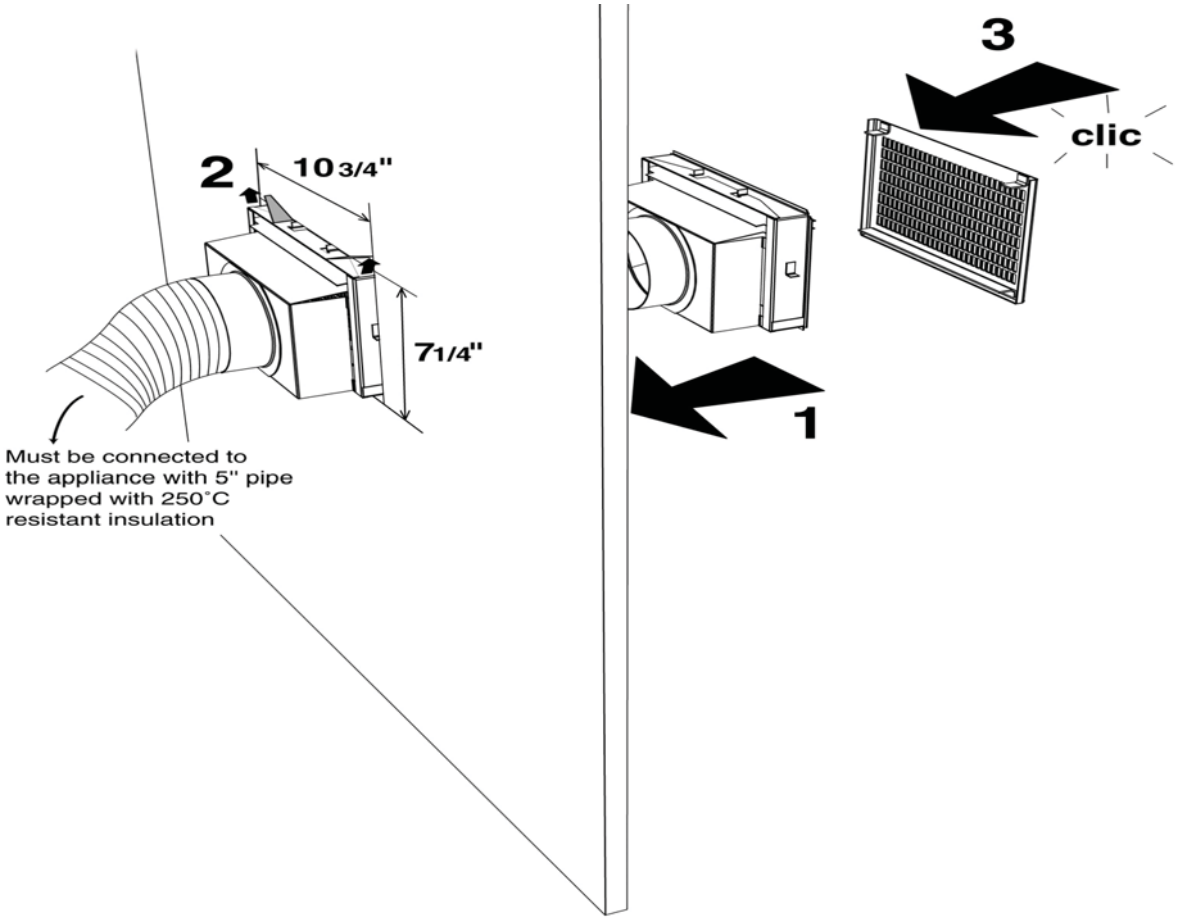


7.4. <u>Connection of hot air ducts</u>

- If a COMBUSTIBLE MANTLE is installed, ONE FRONT AIR DUCT MINIMUM must be connected (with or without a fan).

- Hot air ducts must be Aluminum 5" flex pipe wrapped with rockwool , ceramic blanket or any 250°C resistant insulation.

- Vent grills must be part (ref: 37B78043).



- AIR VENT GRILLS must be centered NOT LESS THAN 28 INCHES ABOVE THE TOP OPENING OF THE FIREPLACE AND NOT LESS THAN 15 INCHES BELOW THE CEILING.

- An AIR INLET OF MINIMUM 65 SQUARE INCHES (example: 2" x 32.5 ") under the appliance is MANDATORY to allow a correct cooling of appliance.

7.5. <u>Natural convection (no fan installed)</u>

UL tests require **at least 1 air duct** to be installed and insulated **if a combustible mantle is placed .**
However, Bodart & Gonay advises to install 2 air ducts (one on each side) if no fan is installed. This will cool down the appliance more efficiently and will give more hot air circulation .

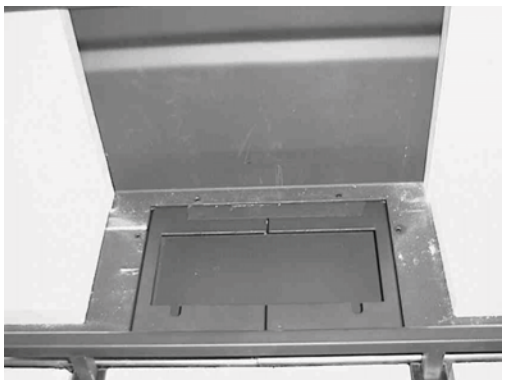
7.6. <u>Forced convection (fan kit option)</u> Reference: 37B78047

<u>Electrical connection</u>: 115 V~ 60 Hz 0,72 A 85 W

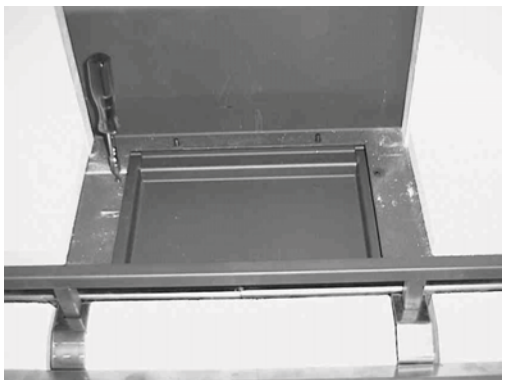
THIS APPLIANCE WHEN INSTALLED, MUST BE ELECTRICALLY GROUNDED IN ACCORDANCE WITH LOCAL CODES, WITH THE NATIONAL ELECTRICAL CODE, ANSI/NFPA 70-1990, OR THE CANADIAN ELECTRICAL CODE, CSA C2.2.1.

To install the fans, we advise you to take off the frame and the door.

The fan installs through the inside. Take off the 2 fire grates and their stainless steel blocking parts in front of them, the bricks behind and on the sides and the grates support.



Unscrew the 6 screws from the ash-pan's box.



Take off the ash-pan and then the box through the ash-pan door.

Connection to the electrical circuit is:

- green / yellow ..... ground
- blue ..... common
- brown ..... line

You can make the electrical connection. The fan wires need to pass through the dedicated hole on the left side of ash box (photo 4). Then you can place the switch support on the appliance and screw it (photo 5).

Photo 4

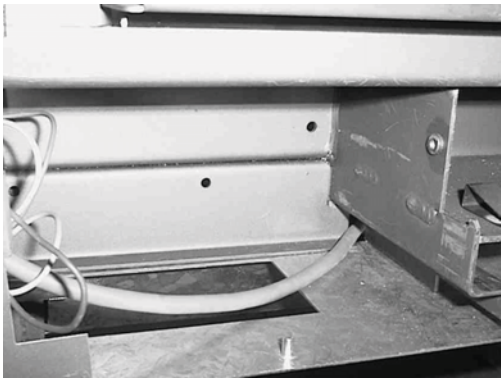
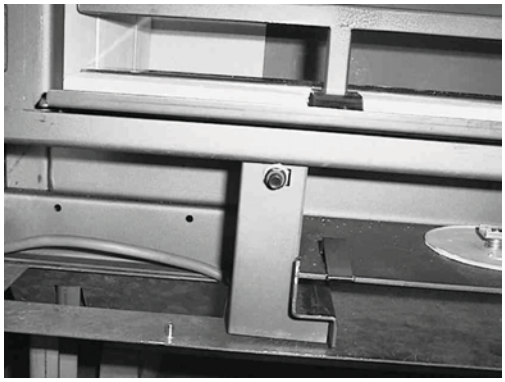
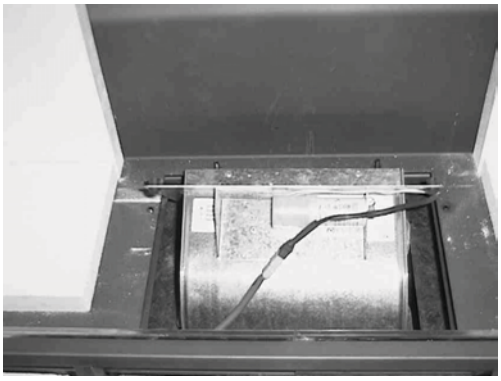
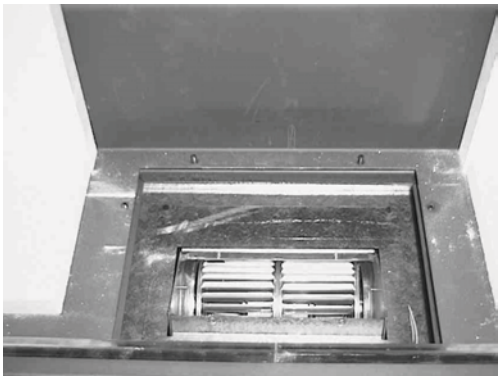


photo 5



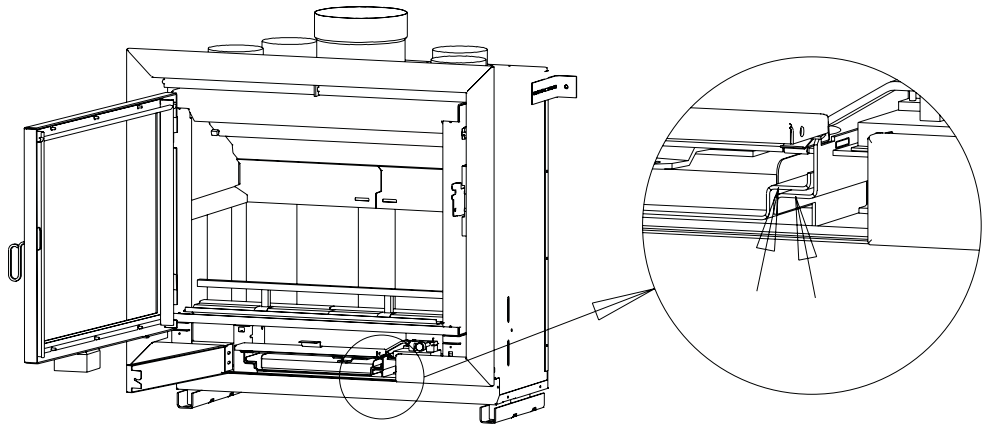
Connect with the fan. Place fan in the insert (be careful with orientation !). The fan does not require any fastener.





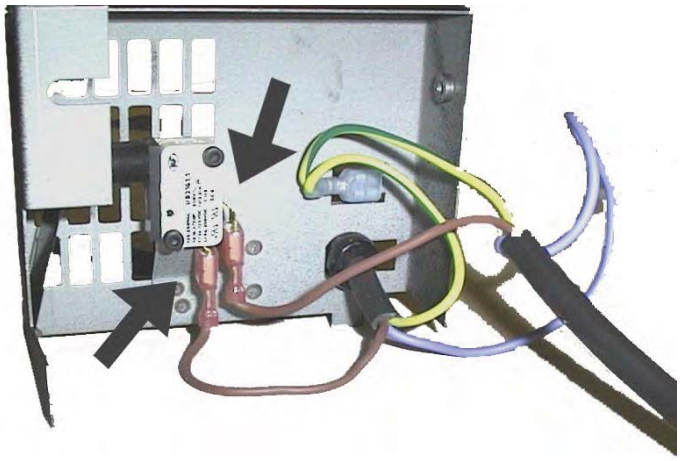
- **<u>Important remark</u>**

  To maintain good air tightness adjust the ventilation cap with the front ash pan box. This ventilation cap must be removed and placed back when a fan is installed.

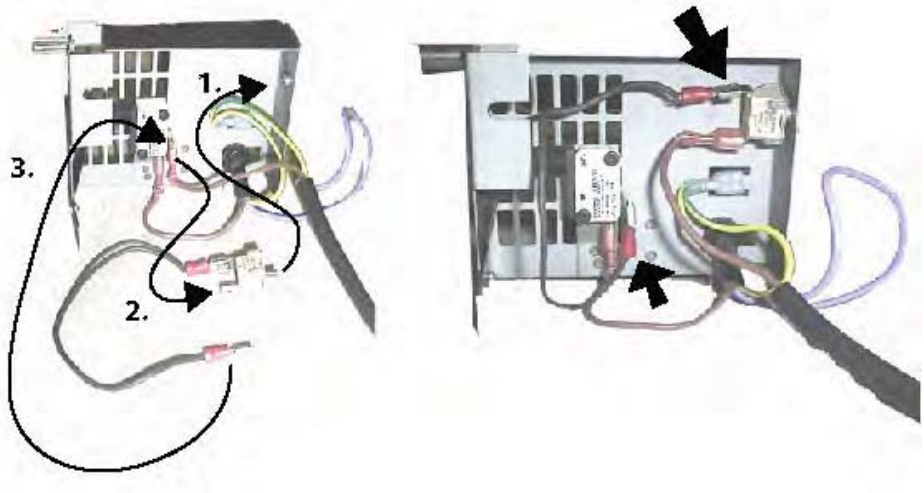


How to install a thermocontact (optional)

- Screw the thermocontact on the back side from the electrical box (1 nut is fixed).
  Be careful Don't screw the thermocontact too hard.



- Disconnect a terminal spade tag from one of the doorswitch terminals and connect it to one of the thermocontact terminals. Connect the remaining cable to the two free terminals.

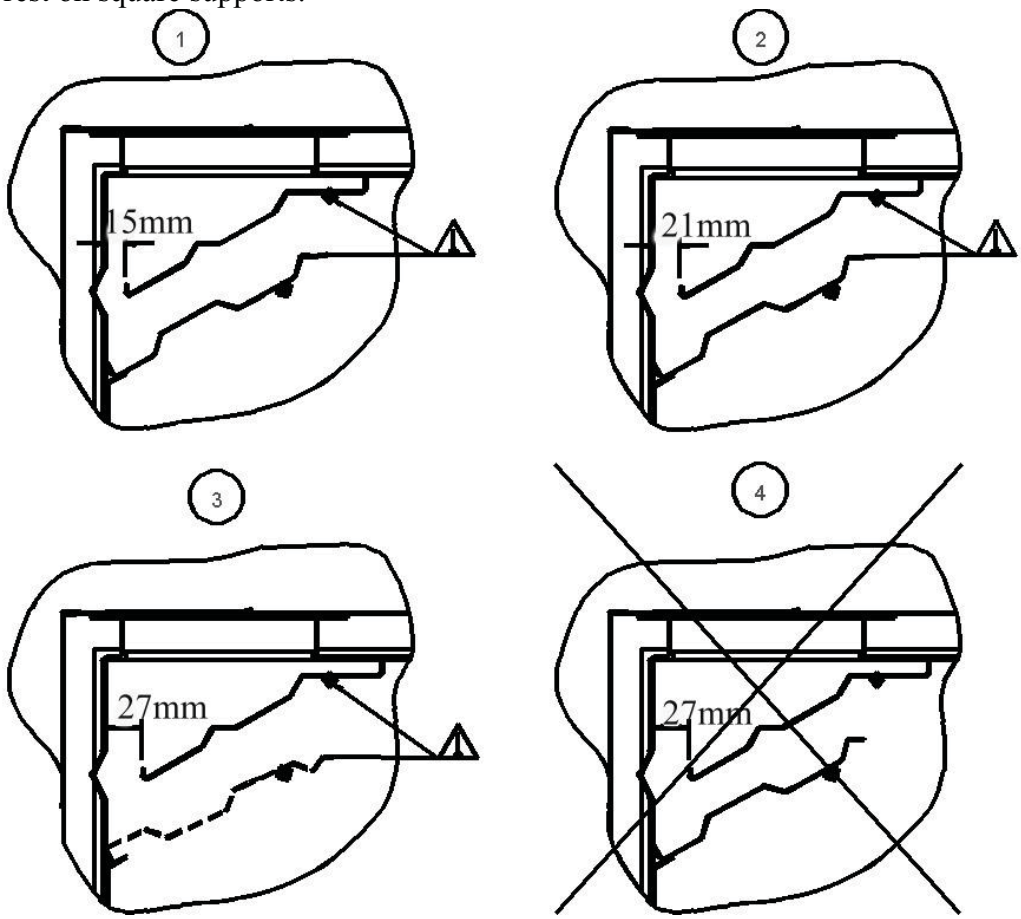


Rubber bushing installation.

- The rubber bushing must be positioned into the round hole on the left of ashpan door.

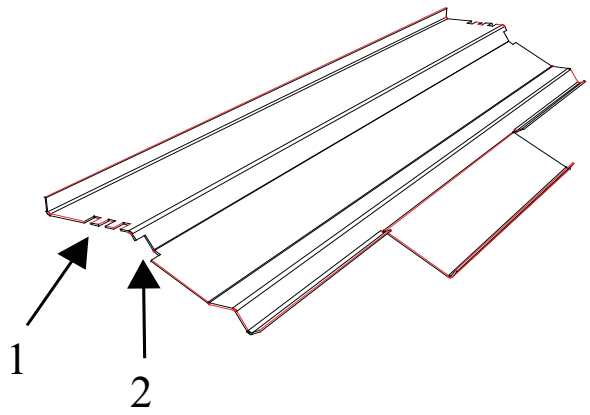
7.7. Adjustment of the baffles

The baffle system is designed to adapt the appliance to the draught of the chimney. The baffles rest on square supports.



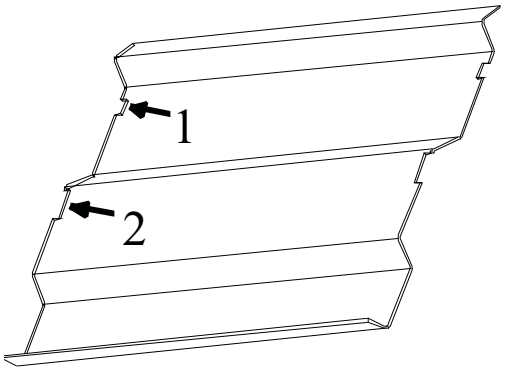
Baffles from the most closed to the most opened position (pictures 1 to 3).
Picture 4: wrong position

The upper baffle has on each side 3 positioning notches, allowing to open or to close the flow of smoke at the back, as well as release notch for the assembly and dismantling of the baffles.



① positioning notches
② release notch

The **lower baffle** may be turned around and thus open the passage for the smoke in the front (for instance if the equipment back-drafts too easily). It also includes two release notches.

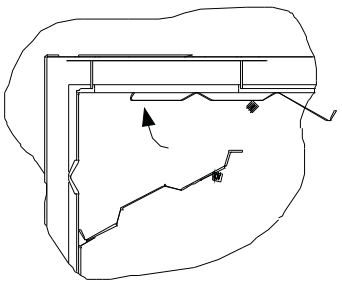


① positioning notch
② release notch

The most closed position is the best for the efficiency of the appliance. However, if the equipment tends to smoke back, open the baffles gradually.

7.8. Dismantling the baffles

1 Place the upper baffle in the release position.



2 Raise slightly the lower baffle and move it to bring the release notch at the height of the square support.

3 Lift one side and try to lower the other side of the baffle by passing the square support through the notch.

4 Remove the baffle by tilting it so that it passes through the door outside of the appliance.

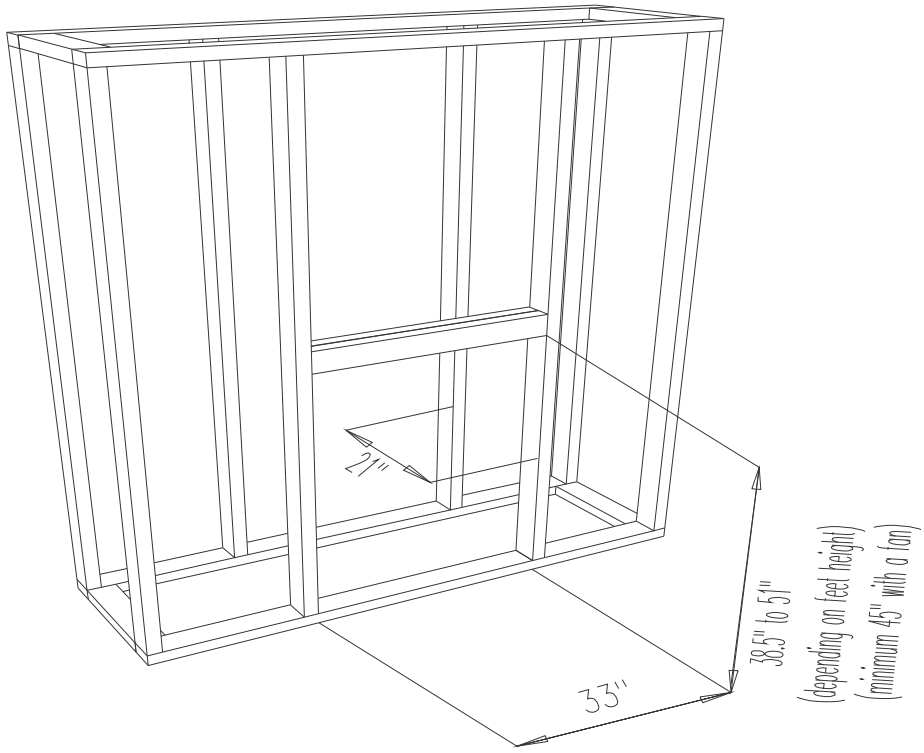
5 Raise slightly the upper baffle and move it to bring the release notch at the height of the square support.

6 Lower one side of the baffle by passing the square support through the notch.

7 Remove the baffle by tilting it so that it passes through the door outside of the appliance.

7.9. Framing dimensions.

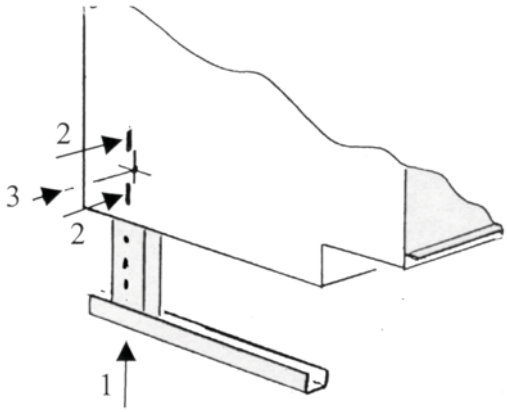
A minimum depth of 21", width of 33" and height between 39" and 51" (45"minimum with a fan) is required.



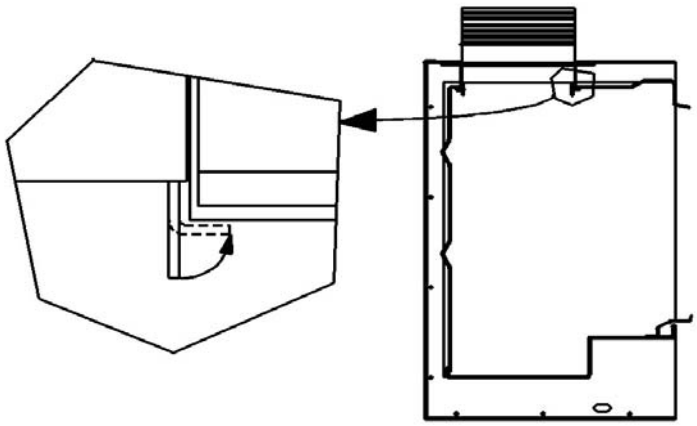
7.10. Installation of appliance

- Only if the fireplace rest on a combustible surface, **a hearth extension of minimum 16" must be installed in front of the fireplace. It need to be extended 8" beyond each side of the opening.** It is to protect the combustible floor from both radiant and sparks.
  Place the metal hearth strip, supplied with the appliance, approximately 2 inches under the front edge of the fireplace. It is to protect the gap between the appliance and the hearth extension.

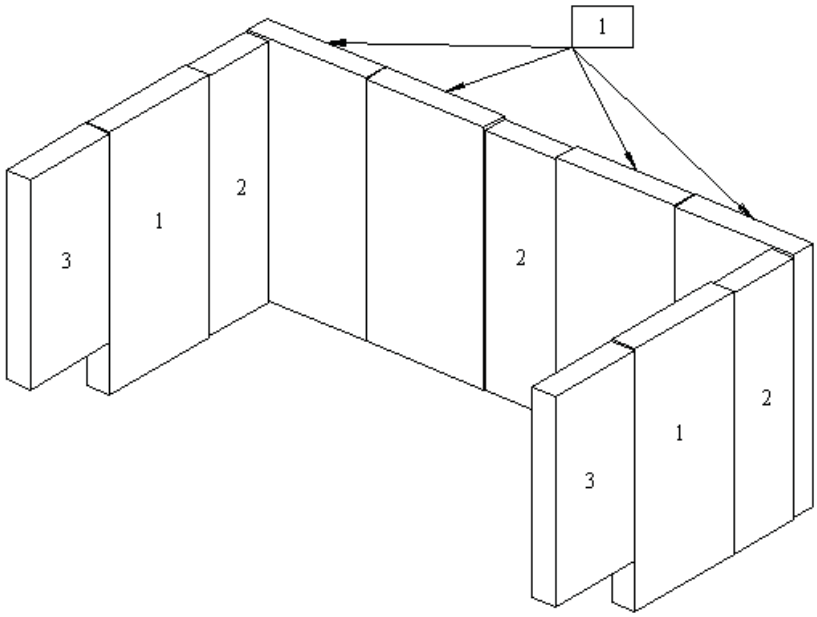
- Place the unit in the desired location.
- Determine the height (telescopic feet). BEWARE! Respect the minimal 2 inches intake for convection air.
- You must introduce (1) and screw (2) the feet. Then you must pin the feet (3). Therefore: bore a 5,25 mm diameter with the delivered bit and place the **auto tapping** screws.



- Install the appliance in height and LEVEL (side to side and front to back).
- Provide a passage of the electrical feeding wire of the motor when making the installation.
- Fix the connecting part for external pipe to the appliance with the four screw.
- Place the internal flue spigot and push it until jamming. Then shut down the security flaps.



- Fit the brickwork: first the back and then the sides.



	Brick reference	Dimensions (mm)
1	07CB315	300 x 150 x 30
2	07CB344	300 x 90 x 30
3	07CB300	240 x 120 x 30

- Check the position of the baffles.

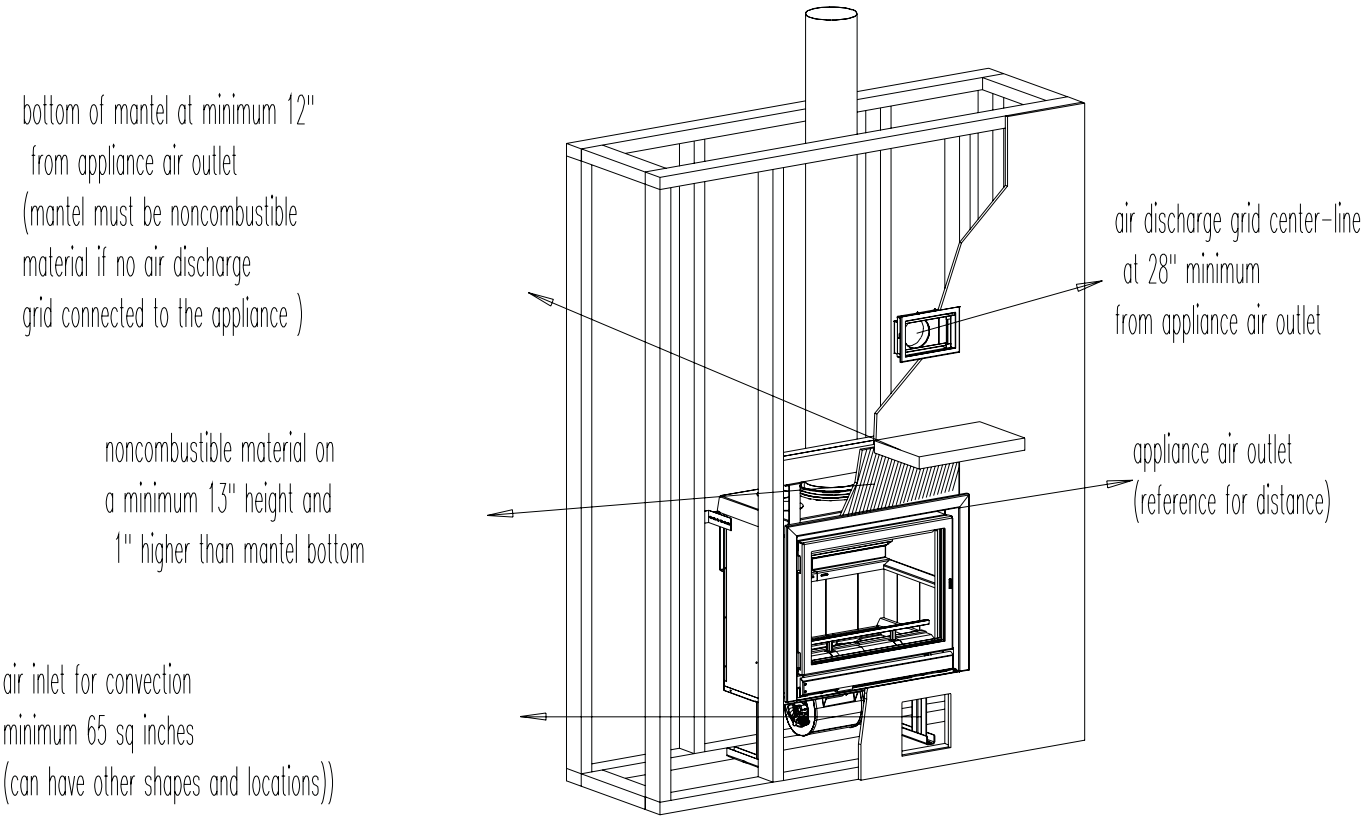
- We advise to make an operation test framing or before bricking up around the appliance.

- Make a first fire to bake the paint (ventilate the room and do not touch the appliance). CHECK THE DRAFT.

- Adjust the position of the baffles, if necessary (cf. Adjustment of the baffles). **Note the ideal position of the baffles for your chimney in the space provided on the first page of this manual. This will allow you to position them again correctly after a chimney sweeping.**

7.11. Fireplace framing and facing

Respect the following safety dimensions:


bottom of mantel at minimum 12"
from appliance air outlet
(mantel must be noncombustible
material if no air discharge
grid connected to the appliance)
noncombustible material on
a minimum 13" height and
1" higher than mantel bottom
air inlet for convection
minimum 65 sq inches
(can have other shapes and locations))
air discharge grid center-line
at 28" minimum
from appliance air outlet
appliance air outlet
(reference for distance)

- Fireplace framing and facing: Maintain the necessary clearances to combustibles. Required clearances are one inch on each side and two inches on the back and are guaranteed by stand offs (**see 7.3 Minimum clearance to combustible and 7.9 Framing dimensions**)

- Realize the frame of the appliance. (In the conception of the frame, do not forget to provide the MINIMAL SECTION for the passage of the CONVECTION AIR – inlet of minimum 65 square inches).

- If the fireplace rest on a combustible surface, **an hearth extension must be added (see 7.10)**

- Fitting the trim frame: just slide it into the retainer springs.
- Remove the dust on the visible painted surfaces.

8. SPARE PARTS DESCRIPTION

Ref	Code	Description
01	07BP0103	COLD HANDLE IF96+PRISMA
02	27B78016	WELDED DOOR OPTI 780 FLAT
02	27B78017	WELDED DOOR OPTI 780 ROUND
03	07RV1039	CERAMIC 656X487X4 OPTI 780
03	07RV1041	CERAMIC 900 DEV .638 H. 490 EP.
04	27B78015	STAINLESS STEEL DOOR SEAL OPTI 780 FLAT
04	27B78018	GLASS HOLDER OPTI 780 BOWED
04	37B78021	ASSEMBLED DOOR SEAL OPTI 780 BOWED
05	27660002	DOOR LATCH IF 96
05	27B78022	DOOR LATCH BOWED OPTI 780
06	27660000	LATCH CATCH IF96
07	37B78014	UPPER BAFFLE
08	37B78015	LOWER BAFFLE
09	07CB300	REFRACTORY BR.240X120X30 VT20
10	07CB315	REFRACTORY BRICK 300X150X30
11	07CB344	REFRACTORY BRICK 300X90X30
12	07CB313	REFRACTORY BR.240X60X30 CHAMFE
13	07CB336	REFRACT BRICK CHAMF 90X60X30
14	07CB350	CHAMFERED BRICK 180X165X30
15	07CB313	REFRACTORY BR.240X60X30 CHAMFE
16	07FFIFG	PAIR OF GRATES IF-GAUMAIS
17	37B78013	FRONT GRATE STOP
18	37B78012	END CAP BRICK
19	37B78010	AIR DISTRIBUTOR
20	07CB326	BRICK 150X60X30 CHAMFERED
21	07CB327	BRICK 150X60X30 CHAMFERED
22	37B78029	LOG RETAINER
23	37660016	LOG RETAINER HOLDER
24	37B78016	SPOILER OPTI 780 FLAT
24	37B78026	SPOILER OPTI 780 BOWED
25	37B78006	GRATES HOLDER OPTI 780
26	37B78008	ASHPAN
27	37B78007	ASH REMOVAL ARM
28	27B78014	ASHPAN PANNEL OPTI 780
29	07PBE001	ASHPAN DOOR SPRING D950207
30	37B78040	ASHPAN DOOR OPTI USA
31	37B78044	THERMOSTAT AND PROTECTION OPTI 780 USA
33	07PBB049	FRAME SPRING
34	27B78027	DOOR FRAME 3 FLAT OPTI 780
34	27B78029	DOOR FRAME 3 SIDED BOWED OPTI 780
35	37B78046	HEARTH STRIP OPTI 780 USA
36	37116226	PROBE MOUNT
37	37B77016	STABILIZER SOVEREIGN
38	37117400	HOT AIR PIPE DIA 125
39	07VM0200	PIPE ADAPTOR DIA 200
40	37B78042	ANCHOR PLATE FOR DIA 200 PIPE OPTI 780 USA
41	37B78038	TOP SCREEN OPTI 780 USA
42	37B78003	PAIR OF FEET 780

Options

Ref	Code	Description
43	27B78037	ELECTRICAL BOX
44	37680048	THERMOCONTACT KIT INFIRE RC93
45	27B78025	3-SIDED FRAME FOR FLAT OPTI 780
46	37B78045	FAN 450M3 OPTI 780 USA
47	37B78048	CABLE ASS OPTI 780 USA
48		SPED REGULATOR (WITHOUT CABLE)
49	37B78043	HOT AIR OUTLET GRID AND BOX OPTI 780 USA

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PO Box 120
Pound Ridge, NY 10576
USA

T: 914 764 5679
F: 914 764 0465

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